

Call for Expanded Abstracts (Full Papers): The 14th International Conference on Logistics and Maritime Systems (LOGMS 2025)

Shanghai, China

*Systematic and Sustainable Evolution of Maritime Logistics: Green,
Intelligent, Multimodal, and Port-City Synergy*

Venue: Shanghai Maritime University, Shanghai, China

Dates: 27-29 August 2025

LOGMS provides a platform for establishing international networks among researchers and practitioners in logistics and maritime systems. The LOGMS conference is a meeting among maritime logistics and systems experts to share research methodologies and results with each other and explore future development directions. We hope that all people in this area are able to acquire useful information from this event and contribute to improving this platform.

Aims and Scope:

The theme of LOGMS 2025 is Systematic and Sustainable Evolution of Maritime Logistics: Green, Intelligent, Multimodal, and Port-City Synergy. With the advancement of Internet of Things (IoT), Big Data, and Artificial Intelligence (AI) technologies, the modern logistics and maritime systems are increasingly showing trends of high efficiency and intelligence in terms of ships, ports, and transportation networks developments. In multimodal logistics systems based on maritime transport, the intelligent operation and management of key hub nodes are gaining more attention. This has led to changes in port patterns, shifts in port collection and distribution systems, and new port-city conflicts. Today, maritime logistics not only faces the challenge of low-carbon development but also needs to address issues such as efficient energy utilization, seamless connection of port collection and distribution systems, and the sustainable collaborative development between ports and cities. Under the context of efficient and intelligent development, key issues in green logistics, energy utilization, collection and distribution system optimization, and port-city coordination need to be discussed collaboratively by industry professionals and scholars.

The organizers of LOGMS 2025 cordially invite you to submit your expanded abstract or full paper to this conference to join an open academic discussion on related topics. All abstracts or papers related to theoretical developments and practical applications of logistics and maritime systems are welcome. Relevant topics include, but are not limited to:

- Network Planning and Design
 - Maritime Network Design
 - Logistics Network Design

- Port Planning and Design
- Shipping Route Planning
- Channel Design
- Terminal Layout
- Shipping and Ports Development
- Reverse Logistics
- Maritime Policy and Economics
 - Maritime Policy Development and Analysis
 - Economic Impact of International Maritime Policy
 - Port Economics
 - Revenue Management
 - Impact of Strategic Alliances
- Supply Chain Design and Management
 - Shipping & Transportation in Supply Chains
 - Supply Chain Modeling and Management
 - Business Processes Innovation for Logistics
 - Carbon-neutral Supply Chains
 - Supply Chain Network Optimization
- Multimodal Transportation
 - Air Transportation
 - Rail Transportation
 - Maritime Transportation
 - Inter-modal Transportation
 - Multi-modal Terminals and Transportation
 - Port Collection and Distribution
- Terminal Operations
 - Port Operations and Operations Planning
 - Berth Allocation
 - Yard Planning and Operations
 - Container Allocation and Repositioning
 - Port Process Analytics
 - Advanced Planning & Scheduling
 - Production/Distribution Planning
 - Inventory Planning
 - Vehicle Routing & Scheduling
 - Warehouse Management
- Energy Control and Management
 - Green Logistics
 - Ship Energy Management
 - Port Energy Management
 - Renewable Energy
 - Microgrid Design and Operations
 - Carbon Footprint
 - Carbon Emission Reduction
 - Energy Efficiency Index System
 - Waste Heat Recovery System
 - Energy Cost Management
- Intelligent Technologies and Systems
 - Port Simulation
 - Port Automation
 - Optimization and Metaheuristics

- Cargo and Container Tracking Systems
- Information Technology in Logistics
- Wireless Communications for Ports
- Positioning/Locating RTLS and GPS
- Unmanned Autonomous Moving Vehicles
- Autonomous Vessel Operations
- Automated Equipment in Logistics
- AI for Ports and Maritime Logistics
- Big Data Analytics in Maritime Systems
- IoT for Enhancing Port Operations
- Digital Twins for Maritime Logistics and Ports
- AI-based Logistics Optimization

Important Dates:

- Deadline Submission of Abstracts or Papers: 30 April, 2025
- Deadline Notification of Acceptance: 10 June, 2025
- Deadline Author Registration: 30 July, 2025

Expanded Abstract or Full Paper Submission:

Each expanded abstract must be written in English and contain 500 to 1,000 words including a maximum of 10 key references. Each full paper must be written in English with a maximum length of 6 pages.

Best Student Paper Award

Best Student Paper Awards will be presented to selected presentations with the submission of full papers.

Contact: LOGMS@shmtu.edu.cn